



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Joakim O. BLANCH, et al. §
§
Serial No.: 10/027,749 § Group Art Unit: 2862
§
Filed: 12/21/01 § Examiner: Le, Toan M.
§
For: Acoustic Logging Apparatus §
And Method for Anisotropic §
Earth Formations §

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Att'y Docket No. 1391-27201
Client Ref. No.: 2001-IP-004081CON
Date: November 6, 2002

Sir:

In accordance with 37 CFR §1.97, §1.98, Applicants provide herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. A copy of each publication listed on Form PTO-1449 is enclosed herewith. This information is supplemental to the Information Disclosure Statement and Form PTO 1449 filed in the above-referenced case on April 2, 2002.

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Because an Office Action has been entered in this case, this Supplemental Information Disclosure Statement is being filed under C.F.R. 1.97(c). Applicants hereby authorize the

11/13/2003 SZEMDIE1 00000101 032769 1 27749
01 FC:1806 180.00 DA

Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the amount of \$180 so that
this Information Disclosure Statement may be considered.

Respectfully submitted,



Mark E. Scott
PTO Reg. No. 43,100
CONLEY, ROSE & TAYON
P.O. Box 3267
Houston, TX 77253-3267
(713) 238-8000 (Phone)
(713) 238-8008 (Fax)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/027,749
				Filing Date	12/21/2001
				First Named Inventor	Joakim O. BLANCH
				Art Unit	2862
				Examiner Name	Toan M. Le
Sheet	One	of	Two	Attorney Docket Number	1391-27201

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

C mplete if Known**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

Two

of

Two

Application Number	10/027,749
Filing Date	12/21/2001
First Named Inventor	Joakim O. BLANCH
Art Unit	2862
Examiner Name	Toan M. Le
Attorney Docket Number	1391-27201

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J.O. BLANCH, et al., A Method to Extract Fast and Slow Shear Wave Velocities in an Anisotropic Formation; SEG International Exposition and 72nd Annual Meeting, 10/11/02	
		PHILLIP M. CARRION, et al., Source Wavelet and its Angular Spectrum from Plane-Wave Seismograms; Geophysics, Vol. 55, No. 8, (August 1990); pp. 1026-2035	
		CHUEN HON CHENG, et al., Elastic Wave Propagation in a Fluid-Filled Borehole and Synthetic Acoustic Logs; Geophysics, Vol. 46, No. 7, (July 1981); pp. 1042-1053	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

m:\h\139127201\supp 1449